



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200
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D139-799-015
Job Sheet 194309



Part No: D139-799-015

Job Qty: 2 pcs

Part Name: Engine Wash



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/30/19

Job Tracking No:

Due Date: 7/12/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: IIN-D139-799 REV.O IPP Rev:B 11.07.04 new issue DD verf:JLM IPP REV:B AS PER ECN 11-598 11-06-05
JLM VERF BY:DD IPP Rev:C 11.09.27 PER CHG003 DD verf:EC IPP Rev:D 13.09.24 PER CHG005/ECN13-
579 DD verf:JLM IPP REV:E 16.10.13 AS PER IIN REV.L DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	2 pcs	7/12/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3 ✓ O.R.	THU 6-20-2019	
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Container No: S192346



Part: D139 - 799 - 015

Job No: 194309

Serial No/Batch: S192346

Revision: 0

Inspector:

Exp Date:

Instructions: FAA STC SR02138SE 18/10/17 TC STC LoA C.

Dart Aerospace Ltd.
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CANADA
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					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					Packaging 1 - 36	
120 QC 4	2 pcs	7/12/19	0.00 0.00		QC 4 - 28	
					QC 4 - 58	
					QC 4 - 69	
					QC 4 - 9	
					QC 4 - 46	
					QC 4 - 68	
130 Packaging 3-1 - Stock - B4B	2 pcs	7/12/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	2 pcs	7/12/19	0.00 0.00		DC - 1 - B4B	DAS 21 9-59 JUN 21 2019
					DC - 2 - B4B	
140 QC 21 - FG	2 pcs	7/12/19	0.00 0.00		QC 21 - FG - 21	DAS 21 9-59 JUN 21 2019
					QC 21 - FG - 70	
					QC 21 - SA - 53	

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

130 - Identify and pack for shipping as per PPP D139-799-015 PPP rev:

135 - Document Control - Photocopy bluefile & type labels per PPP D139-799-015 CHG006

140 - QC21- Final Inspection - Work Order Release

Master Unit
No: 010394

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C3A <i>ST 350V</i>	Bolt	8 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	<i>5147510V</i>
AN3C5A <i>ST 350V</i>	Bolt	6 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	<i>5082907V</i>
AN526-1032R16 <i>ST 326</i>	Screw	8 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	<i>5118341V</i>
AN832-6J <i>ST 323</i>	Union	4 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5167643V</i> ✓ <i>5174150V</i>
AN924-6J <i>ST 322</i>	Nut	8 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	<i>5181656V</i>
CB2000CRA3-28 <i>ST 358</i>	Stud	6 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	<i>5131262V</i> ✓ <i>519324V</i>
CB4022V3CR8 <i>ST 358</i>	Anchor Nut	6 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	<i>5152670V</i>
CB91 <i>LG 050</i>	Acrylic Adhesive, 3.5G	4 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5150063V</i>
D4121-1 <i>ST 213</i>	Hose Assembly	4 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5187989V</i>
D4121-3 <i>ST 213</i>	Hose Assembly	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	<i>5169493V</i>
D4121-5 <i>ST 213</i>	Hose Assembly	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	<i>5169542V</i>
D4131-041 <i>ST 079</i>	Manifold Assembly	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	<i>5188839V</i>
D4131-043 <i>ST 079</i>	Doubler Assembly	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	<i>51174276V</i>
D4146-1 <i>ST 079</i>	Fitting	4 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5184039V</i>
D4182-1 <i>ST 084</i>	Fitting, Quick Disconnect	4 pcs (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5175921V</i>
D4384-1 <i>ST 087</i>	Placard	2 pcs (1 ea) ✓	110-Packaging 1 - Pick Kit	<i>5175045V</i>
MS21043-3 <i>ST 302</i>	Nut	20 Ea (10 ea) ✓	110-Packaging 1 - Pick Kit	<i>5181801V</i>
MS21919-WDG9 <i>ST 293</i>	Clamp	18 Ea (9 ea) ✓	110-Packaging 1 - Pick Kit	<i>5162904V</i>
MS21919WCH16 <i>ST 291</i>	Clamp	4 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5158635V</i>
MS21919WCH4 <i>ST 291</i>	Clamp	4 Ea (2 ea) ✓	110-Packaging 1 - Pick Kit	<i>5161497V</i>
MS21919WCH9 <i>ST 291</i>	Clamp	8 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	<i>5156445V</i>
NAS1149C0316R <i>ST 266</i>	Washer	12 Ea (6 ea) ✓	110-Packaging 1 - Pick Kit	<i>51413651V</i>
NAS1149C0332R <i>ST 266</i>	Washer	16 Ea (8 ea) ✓	110-Packaging 1 - Pick Kit	<i>5174158V</i>
NAS1149C0932R <i>ST 245</i>	Washer	8 Ea (4 ea) ✓	110-Packaging 1 - Pick Kit	<i>5056031V</i>
NAS43DD3-80N <i>ST 350</i>	Spacer	6 Ea (3 ea) ✓	110-Packaging 1 - Pick Kit	<i>5100228V</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN3C3A	8	400	0
	AN3C5A	6	1,833	0
	AN526-1032R16	8	121	0
	AN832-6J	4	29	0
	AN924-6J	8	22	0
	CB2000CRA3-28	6	10	0
	CB4022V3CR8	6	23	0
	CB91	4	62	0
	D4121-1	4	7	0
	D4121-3	2	10	0
	D4121-5	2	10	0
	D4131-041	2	2	0
	D4131-043	2	19	0
	D4146-1	4	17	0
	D4182-1	4	34	0
	D4384-1	2	22	0
	MS21043-3	20	970	0
	MS21919-WDG9	18	125	0
	MS21919WCH16	4	52	0
	MS21919WCH4	4	52	0
	MS21919WCH9	8	54	0
	NAS1149C0316R	12	103	0
	NAS1149C0332R	16	5,484	0
	NAS1149C0932R	8	61	0
	NAS43DD3-80N	6	67	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																															
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QSI042)																													
Description Work Order Deviation				Disposition																															
				Completed By																															
				Lead hand / Supervisor																															
				QC / QA Coordinator																															
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="0"><tr><td>☐ Pressure/Forced</td><td>☐ Contamination</td><td>☐ Power Loss/Surge</td><td>☐ Positioned Wrong</td></tr><tr><td>☐ Bending</td><td>☐ Misaligned/off center</td><td>☐ Folio/Program</td><td>☐ Outside Tolerance</td></tr><tr><td>☐ Crushing</td><td>☐ BOM/Route</td><td>☐ Grain Direction</td><td>☐ Drawing</td></tr><tr><td>☐ Cracks</td><td>☐ Broken/Damage/Defect</td><td>☐ Weld</td><td>☐ Finish</td></tr><tr><td>☐ Crimp/Kink/Ripple/Wave/Twist</td><td>☐ Incomplete/Unclear Instructions</td><td>☐ Wrong Stock Pulled</td><td>☐ Part Lost/Missing</td></tr><tr><td>☐ Marks/Chatter</td><td>☐ Drill Holes</td><td>☐ Out of Sequence</td><td>☐ Misread</td></tr><tr><td>☐ Mislabeled</td><td>☐ Fit/Function</td><td>☐ Off-set/Set-up</td><td></td></tr></table>						☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong	☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance	☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish	☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread	☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	
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Other/Details: _____																																			

Qty -015	Part Number	Description
X	D139-799-015	ENGINE WASH KIT
2	D4121-1	HOSE ASSEMBLY
1	D4121-3	HOSE ASSEMBLY
1	D4121-5	HOSE ASSEMBLY
1	D4131-041	MANIFOLD ASSEMBLY
1	D4131-043	DOUBLER ASSEMBLY
2	D4146-1	FITTING
2	D4182-1	FITTING, QUICK DISCONNECT
1	D4384-1	PLACARD
3	AN3C5A	BOLT (or NAS6603-4)
4	AN3C3A	BOLT
4	AN526-1032R16	SCREW
2	AN832-6J	UNION (or AN837-6J)
4	AN924-6J	NUT
10	MS21043-3	NUT
4	NAS1149C0932R	WASHER (or AN960C916L)
8	NAS1149C0332R	WASHER (or AN960C10L)
6	NAS1149C0316R	WASHER (or AN960C10LL)
3	NAS43DD3-80N	SPACER
9	MS21919WDG09	CLAMP (or AS21919WDG09)
2	MS21919WCH4	CLAMP (or AS21919W CH4)
4	MS21919WCH9	CLAMP (or AS21919W CH9)
2	MS21919WCH16	CLAMP (or AS21919W CH16)
3	CB2000CRA3-28	STUD (or A366A3E30C)
3	CB4022V3CR8	ANCHOR NUT (or AW001TL3A08)
2	CB91	3.5g ACRYLIC ADHESIVE KIT